

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: Construction of Sculptures in Parks, Lakes, Circles and Junctions in ward No.01, 02, 03 and 04 of Yelahanka Sub Division

RATE ANALYSIS - 3

M/s NPR infratech, (Sri N purushotham Raju) SLV Nilaya , No. 38/1, Sankranthi Layout, 4th main, JP Nagar, 7th phase, Bangalore-78

27609031.00

Sri N Purushotham Raju

(+ 1)% Above

SI No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	T.P (+ 1)% Above	Final Rate.
102	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. item no-2.3,Item2.3.4 page no-5,6 PWD SR 2018-19.	Each	Pg No 6 of KPWD Ele. S.R 2018-19	2.3.4	45	-	45.00	3.6	48.60	0.49	49.09
108	Providing and laying heavy duty cobble stones 60 mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications.	Sqm	Pg No 103 of KPWD S.R 2018-19	14.6	1053.00	-	1053.00	84.24	1137.24	11.37	1148.61

Description.		Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	T.P (+ 1)% Above	Final Rate.
EIRL ITEM											
E34	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit (casing capping casing capping using 2x1.5sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch box	Point	Pg No 5 of KPWD Ele. S.R 2018-19	2.2.2	250.00	-	250.00	-	250.00	2.50	252.50
E35	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall, 1-3Way	Each	Pg No 9 of KPWD Ele. S.R 2018-19	3.4.1	95.00	-	95.00	-	95.00	0.95	95.95
E36	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall, 6Way	Each	Pg No 9 of KPWD Ele. S.R 2018-19	3.4.3	125.00	-	125.00	-	125.00	1.25	126.25
E37	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 1 to 3 Module	Each	Pg No 9 of KPWD Ele. S.R 2018-19	3.5.1	110.00	-	110.00	-	110.00	1.10	111.10
E38	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 6 Module	Each	Pg No 9 of KPWD Ele. S.R 2018-19	3.5.3	175.00	-	175.00	-	175.00	1.75	176.75
E39	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. 6Amps one way Switch	Each	Pg No 10 of KPWD Ele. S.R 2018-19	3.6.1	70.00	-	70.00	-	70.00	0.70	70.70

Sl No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	T.P (+ 1)% Above	Final Rate.
E40	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. Stepped Fan Regulator	Each	Pg No 10 of KPWD Ele. S.R 2018-19	3.6.4	290.00	-	290.00	-	290.00	2.90	292.90
E41	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. 6Amps 3way socket	Each	Pg No 10 of KPWD Ele. S.R 2018-19	3.6.3	105.00	-	105.00	-	105.00	1.05	106.05
E42	Supplying & fixing of retrofit type - LED bulb.....W with OPAL acrylic diffuser comprising of LED source with CCT 6500 degree K, CRI> 70%. efficacy >80 lumen per watt, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The LED are driven by HF electronic driver integrated in the system, with PF > 0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to be integrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved and Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition. 15W, 6500K	Each	Pg No 68 of KPWD Ele. S.R 2018-19	12.11.6	215.00	-	215.00	-	215.00	2.15	217.15

	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	T.P (+ 1)% Above	Final Rate.
E43	Supply, Installation, Testing and Commissioning of LED RGB/RGBW floodlighting luminaire for facade lighting with Die-cast aluminium housing, powder-coated finish, of following wattage. Luminaire shall be capable of producing dynamic color changing light for with 16 million colors by DMX/Ethernet based control. The beam angle of the fitting shall be narrow, medium, wide or asymmetric as per the requirement. Luminaire shall be complete with driver and capable of operating at line voltage without any separate power supply from 100-270 V AC, 50 Hz with power factor > 0.9. Fixture shall be suitable to operate at an ambient temperature range of 10°C to +50°C and shall be IP 65 and IK 06 rated. Lifetime shall be at least L70:50000 burning hours at 50°C. Luminaire shall be conforming to BIS (IS 10322) and shall be complete with all necessary accessories required for proper working of fixture including weather proof connection cables, water proof connectors etc. as required. 45W	Each	Pg No 28 of KPWD Ele. S.R 2018-19	1.1	37240.00	-	37240.00	-	37240.00	372.40	37612.40
E44	Supplying of feet - PVC Batten with integrated LED tube W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition. LED light fighting 1 x4'- 20/22 w	Each	Pg No 64 of KPWD Ele. S.R 2018-19	12.3.2	375.00	-	375.00	-	375.00	3.75	378.75

No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	T.P (+ 1)% Above	Final Rate.
E45	Supplying & fixing - flexible LED Strip Light W Power consumption in 5mtrs length CCT 6500 degree K, CRI> 70%. efficacy >80 lumen per watt, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The LED are driven by HF electronic driver non integrated, with PF > 0.95. power loss should < 5% of lamp wattage., short circuit & open circuit protection to be integrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved with 2 years Warranty against any manufacturing defect working under standard electrical condition.	m	Pg No 64 of KPWD Ele. S.R 2018-19	12.1	1400.00	-	1400.00	-	1400.00	14.00	1414.00
E46	Supplying & fixing LED Drivers suitable for 5700K LED fitting Outdoor Fixtures. Operating voltage range from 180V to 265V, 50Hz AC power Supply. 40W 5700K suitable for outdoor LED fitting.	Each	Pg No 76 of KPWD Ele. S.R 2018-19	13.52.2	1700.00	-	1700.00	-	1700.00	17.00	1717.00
E47	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete.(As per Civil SR KSRB I-2, P-7). In soil (ordinary)	m	Pg No 41 of KPWD Ele. S.R 2018-19	6.6.1	76.00	-	76.00	-	76.00	0.76	76.76

[Signature]

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ಕಾರ್ಯಪಾಲಕ, ಅಭಿಯಂತರರು
ಯೋಜನೆ ವಿಭಾಗ, ಯಲಹಂಕ ವೃತ್ತ
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